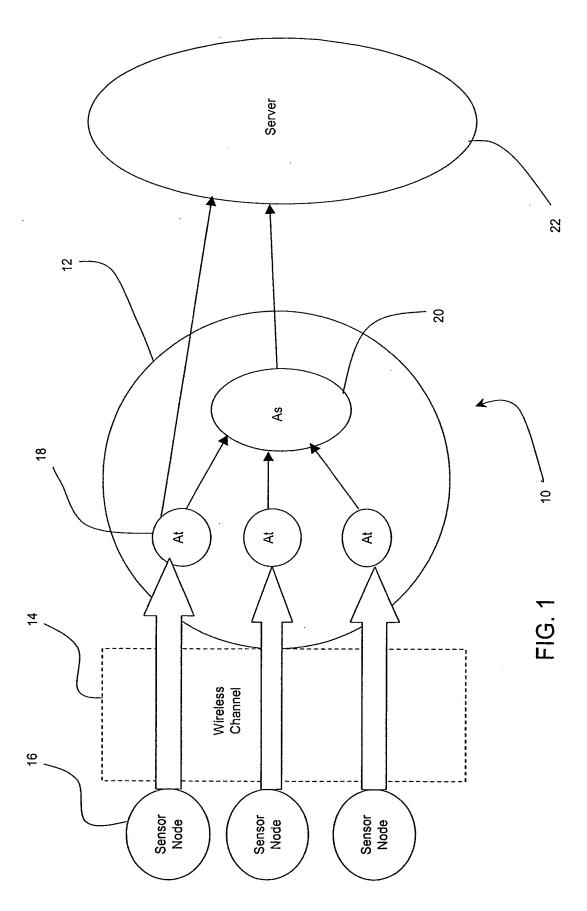
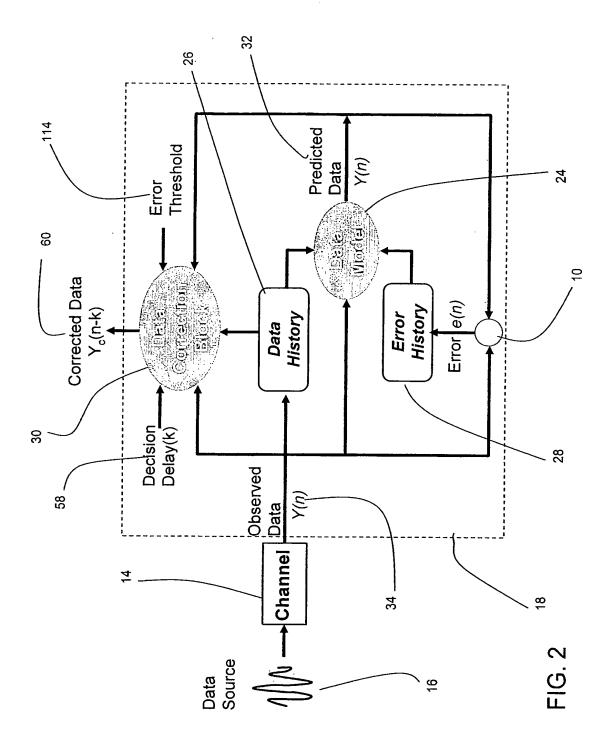
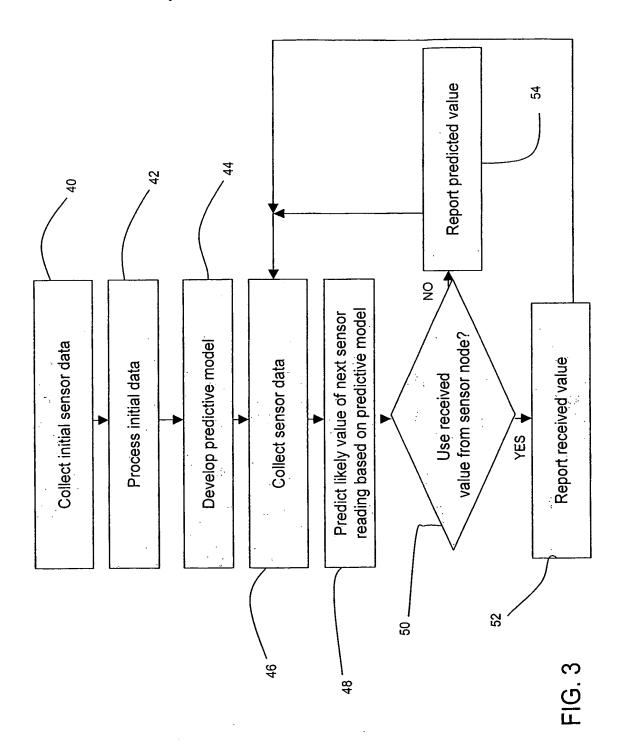
33



. . . .



14.74



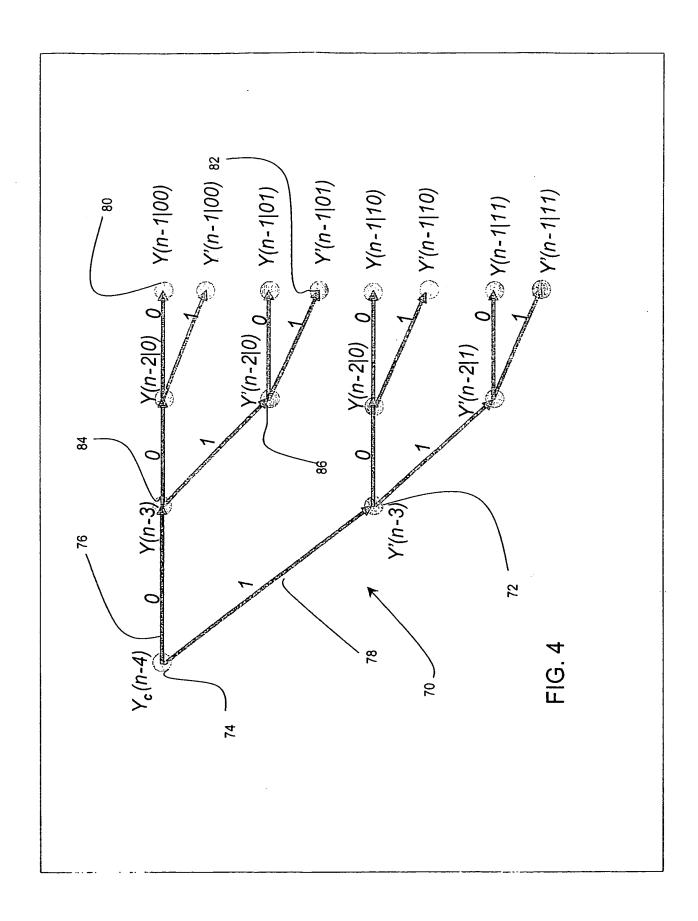


FIG. 5

for each sample at time $n$ , observe value $Y(n)$ for each path $i$ from root to leaf in PHT $Y'(n, i) = \text{Predict (model, data } \& \text{ error history for path } i)$	PathErr(i) = $\frac{1}{N_i} \sum_{j=n-K}^{n} E^2(j,i)$	where $N_i$ = No. of nodes in path $i$ using predicted values end find $i=i_{min}$ which minimizes $PathErr(i)$ ; $< Yc(n-K)$ , $E(n-K) > = updatePHT(i_{min}, Y'(n, i), Y(n))$ end	updatePHT( $i$ , $Y'(n', j)$ , $Y(n)$ ): begin find $s = \text{level 1 node containing path } i_{min}$ [ out of $Y(n-K)$ and $Y'(n-K)$ ] $< y$ , $e > = Y$ and E values of node $s$ PHT $\leftarrow$ subtree of PHT rooted in $s$ to each leaf node $j$ of new PHT, add 1st child $Y(n)$ , and if $( E(n,j)  > ETH)$ add 2nd child $Y'(n, j)$
90 92 98 98	100	102	108 110 112 116